

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)

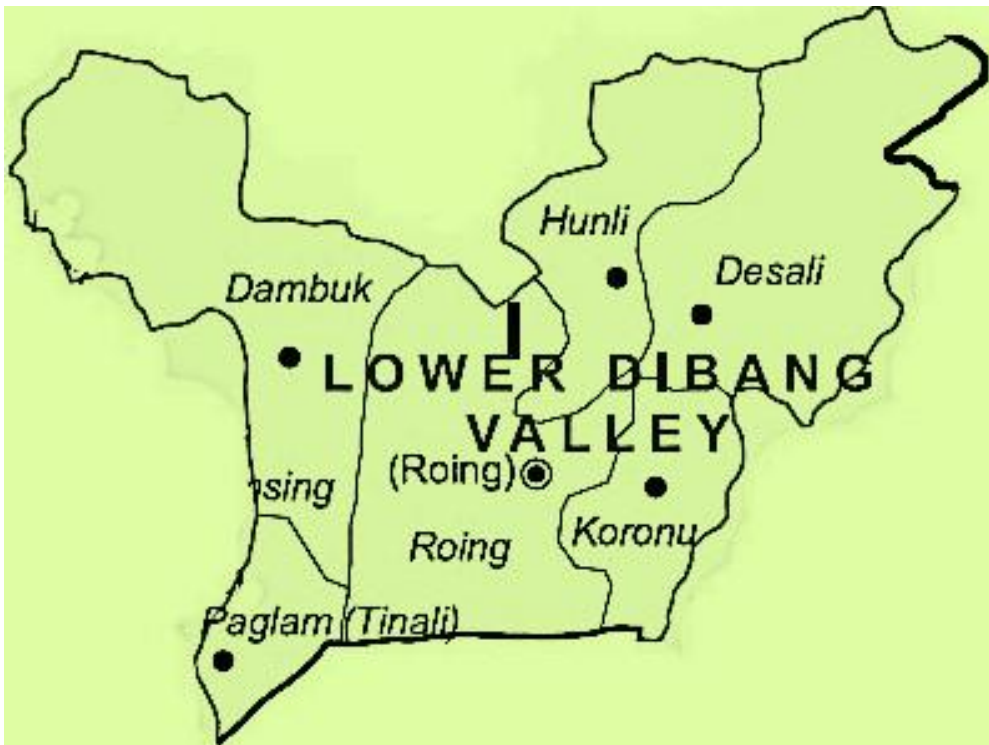


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Lower Dibang Valley

No: 37/2015-16/Fri

Dated: 6th May, 2016




Weather summery of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = (Roing): 0.2 mm	Partly cloudy sky with possibility of very light rainfall in some places. Max Temp=23°C and Min Temp=15°C, RH=41-91%, Wind Speed=4-5 kmph, Wind direction: E
Warning:	Heavy rainfall on 8 th & 10 th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Avoid water stagnation in the newly sown vegetable field Go for 1 manual weeding during sunny days Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbendazim/Mancozeb@2gm/lit to control fungal diseases. Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain. Right time for transplantation of vegetables. Get seeds/planting materials of preferred or recommended varieties from right sources Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> On sunny days, Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering		<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees/insects. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born piglets to protect them from cold Vaccination as per the schedule with proper consultation

			<p>with vet.</p> <ul style="list-style-type: none"> • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	<p>All stages</p> 		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte • Vaccination as per the schedule with proper consultation with vet. • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated
<p>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</p>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department
 Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Lower Subansiri

No: 37/2015-16/Fri

Dated: 6th April, 2016




Weather summary of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = 0.0 mm (Ziro)	Partly cloudy sky with possibility of light rainfall. Max Temp=24°C and Min Temp=14°C, RH=43-96%, Wind Speed=3-6 kmph, Wind direction: WNW
Warning:	Heavy rainfall on 8 th & 10 th May

Weather Based Agro-meteorological Advisories Bulletin

<ul style="list-style-type: none">Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocatedSpraying operation should be done only on dry/clear weatherGo for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR Basar recommend poultry variety VANARAJA for backyard rearing			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">Avoid water stagnation in the newly sown vegetable fieldGo for 1 manual weeding during sunny daysAvoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.

VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">• Spray azadirachtin 0.15EC@6ml/lit against flea beetles• Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.• Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.• Right time for transplantation of vegetables.• Get seeds/planting materials of preferred or recommended varieties from right sources• Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none">• Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none">• Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.• Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering		<ul style="list-style-type: none">• If flowering begin, avoid spray of insecticides as it may hinder pollination by honey bees/insects.• Remove all water sprouts from the base of the plant• Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.• Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none">• Follow ridge and furrow method of planting and provide adequate drainage• Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none">• Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none">• Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none">• Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">• Provide concentrate feed and multi-vitamins• Provide proper bedding materials for newly born piglets to protect them from cold• Vaccination as per the schedule with proper consultation with vet.• Deworm at regular interval• During scarcity of fodder provide hay/silage/feedblocks.• Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs.• Swine fever vaccine at the age of 8- 10 week is recommended
Poultry	All stages		<ul style="list-style-type: none">• Provide adequate clean drinking water+electrolyte• Inclusion of turmeric powder @ 10g/kg feed for prevention

			<p>of coccidiosis.</p> <ul style="list-style-type: none">• Provide anti-coccidial drugs• Quarantine the newly procured birds for one month before introduction with old birds.• Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none">• To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond• Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none">• Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none">• Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
ICAR. BASAR

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(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Papum Pare

No: 37/2015-16/Fri

Dated: 10th May, 2016





Weather summery of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall: 0.5 mm; T.Max: 33.0°C; T.Min:20.0°C ; RH: 72-88 %	Generally fair weather is forecasted with possibility of very light rainfall in few isolated places. Max Temp=28°C and Min Temp=20°C, RH=46-94%, Wind Speed=2-4 kmph, Wind direction: E
Warning:	Heavy rainfall on 8 th & 10 th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Avoid spray of insecticides at flowering stage of crops/plants as it may hinder pollination by honey bees or other insects
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">• Avoid water stagnation in the newly sown vegetable field• Go for 1 manual weeding during sunny days• Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">• Spray azadirachtin 0.15EC@6ml/lit against flea beetles• Spray carbendazim/Mancozeb@2gm/lit to control fungal diseases.• Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.• Right time for transplantation of vegetables.• Get seeds/planting materials of preferred or recommended varieties from right sources• Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none">• Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none">• Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.• Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none">• Avoid spray of insecticides if flowering begins• Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer• On dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mould in Khasi mandarin when the harvesting is over• Remove all water sprouts from the base of the plant• Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none">• Follow ridge and furrow method of planting and provide adequate drainage• Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none">• Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none">• Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none">• Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">• Provide concentrate feed and multi-vitamins• Provide proper bedding materials for newly born piglets to

			<p>protect them from cold</p> <ul style="list-style-type: none"> • Vaccination as per the schedule with proper consultation with vet. • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	<p>All stages</p> 		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Quarantine the newly procured birds for one month before introduction with old birds • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated
<p>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</p>			

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Agrometeorological Field Unit
 ICAR. BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Tawang

No: 37/2015-16/Fri

Dated: 10th May, 2016




Weather summery of the previous week	Weather forecast valid up to 6 th May, 2016
Rainfall = 0.0 mm.	Partly cloudy sky with possibility of very light rainfall in some isolated places. Max Temp=14°C and Min Temp=7°C, RH=44-83%, Wind Speed=4-5 kmph, Wind direction: E
Warning:	Heavy rainfall on 8 th to 10 th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- All spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">Avoid water stagnation in the newly sown vegetable fieldGo for 1 manual weeding during sunny daysAvoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.

VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbandazim/Mancozab@2gm/lit to control fungal diseases. Right time for transplantation of vegetables. Get seeds/planting materials of preferred or recommended varieties from right sources Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards Earthing-up and removal of excess suckers in Pineapple should be carried out for better plant establishment and anchorage.
Citrus	Flowering		<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born piglets to protect them from cold Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. Swine fever vaccine at the age of 8- 10 week is recommended
Poultry	All stages 		<ul style="list-style-type: none"> Avoid rearing of Day-Old-Chicks Provide sufficient bedding materials to keep them warm Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet.

			<ul style="list-style-type: none">• Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.• Provide anti-coccidial drugs• Remove wet litter/provide artificial heating and light• Quarantine the newly procured birds for one month before introduction with old birds.• Vaccination against Ranikhet disease under vet official supervision is advised
Fishery			<ul style="list-style-type: none">• To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond• Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none">• Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none">• Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Tirap

No: 37/2015-16/Fri



Dated: 6th May, 2016



Weather summary of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = Deomali: 1.8 mm	Generally clear/dry weather is forecasted.
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

<ul style="list-style-type: none">Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated.Go for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR Basar recommend poultry variety VANARAJA for backyard rearing			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">Avoid water stagnation in the newly sown vegetable fieldGo for 1 manual weeding during sunny daysAvoid water stagnation near bee-boxes, basins of fruit plants.Incorporation of left-over residue/stovers is highly recommended during ploughing for cultivation of pre-kharif crops.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			

Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbendazim/Mancozeb@2gm/lit to control fungal diseases. Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain. Right time for transplantation of vegetables. Get seeds/planting materials of preferred or recommended varieties from right sources Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Citrus	Flowering 		<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer Spray Imagalil 34WP @ 1g/lit against blue & green mould in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Pineapple			<ul style="list-style-type: none"> Earthing-up and removal of excess suckers in Pineapple should be carried out for better plant establishment and anchorage.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks.
Poultry	All stages 		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet. Quarantine the newly procured birds for one month before introduction with old birds. Vaccination against Ranikhet disease under vet official

			supervision is advised.
Fishery			<ul style="list-style-type: none">• To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond• Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none">• Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none">• Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Upper Siang

No: 37/2015-16/Fri

Dated: 6th May, 2016





Weather summery of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = Tuting: 0.8 mm;	Partly cloudy sky with possibility of light rainfall in some places. Max Temp=20°C and Min Temp=11°C, RH=38-85%, Wind Speed=3-5 kmph, Wind direction: SSE
Warning:	Heavy rainfall on 8 th & 10 th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Right time for digging pond for construction of *Jalkunds*.
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Avoid water stagnation in the newly sown vegetable field. Go for 1 manual weeding during sunny days Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbandazim/Mancozeb@2gm/lit to control fungal diseases. Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain. Right time for transplantation of vegetables. Get seeds/planting materials of preferred or recommended varieties from right sources Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Earthing-up and removal of excess suckers in Pineapple should be carried out for better plant establishment and anchorage.
Citrus	Flowering 		<ul style="list-style-type: none"> If flowering begins, avoid use of insecticides Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer On dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant on clear day using stickers Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Apple /Kiwi			<ul style="list-style-type: none"> Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen Fertilizers should be applied a foot away from the base of the plants Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.

Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born piglets to protect them from cold Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet. Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. Provide anti-coccidial drugs Quarantine the newly procured birds for one month before introduction with old birds. Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department
Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR. BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



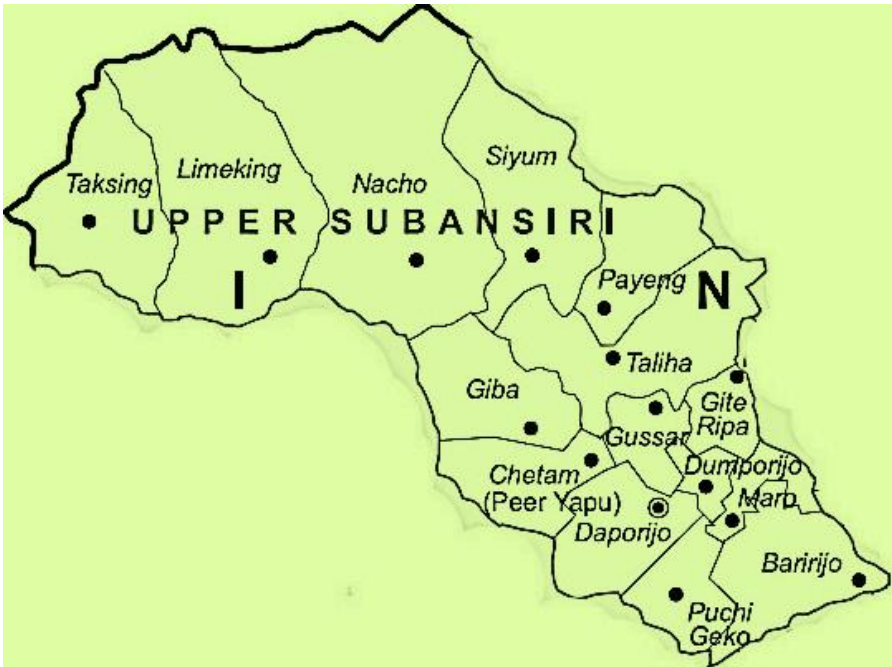
GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri


No: 37/2015-16/Fri Dated: 6th May, 2016




Weather summery of the previous week	Weather forecast valid up to 6 th May, 2016
Rainfall = 4.0 mm (Puchi Geko); Daporijo: 0.0 mm	Partly cloudy sky with possibility of very light rainfall in some places. Max Temp=19°C and Min Temp=9°C, RH=51-92%, Wind Speed=2-5 kmph, Wind direction: WSW
Warning	Heavy rainfall on 8 th to 10 th May

Weather Based Agro-meteorological Advisories Bulletin

<ul style="list-style-type: none">Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocatedAvoid spray of insecticides during flowering stage as it may hinder pollination by honey bees and other insects.Spraying operation should be done only on dry/clear weatherGo for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR Basar recommend poultry variety VANARAJA for backyard rearing			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">Avoid water stagnation in the newly sown vegetable fieldGo for 1 manual weeding during sunny days

			<ul style="list-style-type: none">Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">Spray azadirachtin 0.15EC@6ml/lit against flea beetlesSpray carbandazim/Mancozab@2gm/lit to control fungal diseases.Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.Right time for transplantation of vegetables.Get seeds/planting materials of preferred or recommended varieties from right sourcesMake sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none">Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none">Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none">Earthing-up and removal of excess suckers in Pineapple should be carried out for better plant establishment and anchorage.
Citrus	Flowering 		<ul style="list-style-type: none">Avoid spray of insecticides if flowering beginsGo for drenching with Dichlorvos 76 EC @ 0.05% against trunk borerSpray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is overRemove all water sprouts from the base of the plantSpray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none">Follow ridge and furrow method of planting and provide adequate drainageMulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none">Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">Provide concentrate feed and multi-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocatedWeaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs.

			<ul style="list-style-type: none"> Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet. Provide anti-coccidial drugs Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. Quarantine the newly procured birds for one month before introduction with old birds. Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: West Kameng

No: 37/2015-16/Fri

Dated: 6th May, 2016




Weather summery of the previous week	Weather forecast valid up to 29 th April, 2016
Rainfall = Bomdila: NA; Bhalukpong: 0.0 mm	Partly coudy sky with possibility of very light rainfall. Max Temp=21°C and Min Temp=12°C, RH=43-92%, Wind Speed=4-6 kmph, Wind direction: ENE
Warning:	Heavy rainfall on 8 th & 10 th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">• Avoid water stagnation in the newly sown vegetable field• Go for 1 manual weeding during sunny days• Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">• Spray azadirachtin 0.15EC@6ml/lit against flea beetles• Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.• Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.• Right time for transplantation of vegetables.• Get seeds/planting materials of preferred or recommended varieties from right sources• Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none">• Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none">• Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.• Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering		<ul style="list-style-type: none">• Avoid spray of insecticides if flowering begins as it may hinder pollination by honey bees and other insects.• Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer• Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over• Remove all water sprouts from the base of the plant• Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew
Ginger/summer pulses			<ul style="list-style-type: none">• Follow ridge and furrow method of planting and provide adequate drainage• Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none">• Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">• Provide concentrate feed and multi-vitamins• Provide proper bedding materials for newly born piglets to protect them from cold• Vaccination as per the schedule with proper consultation with vet.• Deworm at regular interval• During scarcity of fodder provide hay/silage/feedblocks.• Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated

			<ul style="list-style-type: none"> • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> • Avoid rearing of Day-Old-Chicks • Provide sufficient bedding materials to keep them warm • Provide adequate clean drinking water+electrolyte • Vaccination as per the schedule with proper consultation with vet. • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Remove wet litter/provide artificial heating and light • Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: West Siang

No: 37/2015-16/Fri

Dated: 6th May, 2016





Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl



Weather summery of the previous week	Weather forecast valid up to 10 th May , 2016
Rainfall = 1.3 mm. T. Max: 27.4°C, T. Min: 16.1°C, RH: 60-93%, Wind Speed: 3-6 kmps, Wind Direction: WS	Partly cloudy sky with possibility of light rainfall in some places. Max Temp=27°C and Min Temp=15°C, RH=54-92%, Wind Speed=2-4 kmph, Wind direction: W
Warning:	Heavy rainfall on 8th & 10th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source

<ul style="list-style-type: none"> • Use fertilizers/pesticides as per recommended doses for the location • Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides • ICAR Basar recommend poultry variety VANARAJA for backyard rearing 			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> • Avoid water stagnation in the newly sown vegetable field • Go for 1 manual weeding during sunny days • Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> • Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
Summer Vegetables			<ul style="list-style-type: none"> • Spray azadirachtin 0.15EC@6ml/lit against flea beetles • Spray carbandazim/Mancozeb@2gm/lit to control fungal diseases. • Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain. • Right time for transplantation of vegetables. • Get seeds/planting materials of preferred or recommended varieties from right sources • Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> • Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. • Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> • Earthing-up and removal of excess suckers in Pineapple should be carried out for better plant establishment and anchorage
Citrus	Flowering 	Powdery Mildew 	<ul style="list-style-type: none"> • Avoid using insecticide if flowering begins as it may hinder pollination by honey bees and insects • Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over • Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over • Remove all water sprouts from the base of the plant • Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none"> • Follow ridge and furrow method of planting and provide adequate drainage • Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none"> • Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> • Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> • Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			

Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> • Provide concentrate feed and multi-vitamins • Provide proper bedding materials for newly born piglets to protect them from cold • Vaccination as per the schedule with proper consultation with vet. • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte • Vaccination as per the schedule with proper consultation with vet. • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Remove wet litter/provide artificial heating and light • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: 37/2015-16/Fri

Dated: 6th May, 2016



Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 masl



Weather summery of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = NA	Partly cloudy sky with possibility of light rainfall in some places. Max Temp=22°C and Min Temp=12°C, RH=41-90%, Wind Speed=4-6 kmph, Wind direction: E
Warning:	Heavy rainfall on 8 th and 10 th May


Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Warning: Spraying of DDT in crops is lethal

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">• Avoid water stagnation in the newly sown vegetable field• Go for 1 manual weeding during sunny days• Avoid water stagnation near bee-boxes, basins of fruit plants.

Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbandazim/Mancozab@2gm/lit to control fungal diseases. Sowing of vegetables like okra/ladies finger and beans are not recommended during rain as they are likely to spoil during rain. Right time for transplantation of vegetables. Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Earthing-up and removal of excess suckers in Pineapple should be carried out for better plant establishment and anchorage.
Citrus	Flowering 	Powdery Mildew 	<ul style="list-style-type: none"> Avoid spray of insecticides which may hinder pollination by honey-bees. Remove all water sprouts from the base of the plant On sunny days, spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born piglets to protect them from cold Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs.
Poultry	All stages		<ul style="list-style-type: none"> Provide sufficient bedding materials to keep them warm Provide adequate clean drinking water+electrolyte and multi-vitamins Vaccination as per the schedule with proper consultation

			<p>with vet.</p> <ul style="list-style-type: none"> • Provide anti-coccidial drugs • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Remove wet litter/provide artificial heating and light • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated against FMD
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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 Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Changlang

No: 37/2015-16/Fri

Dated: 6th May, 2016



Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl



Weather summary of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = Changlang: NA. Miao: 12.6 mm	Partly cloudy sky with possibility of light rainfall. Max Temp=25°C and Min Temp=15°C, RH=54-92%, Wind Speed=3-4 kmph, Wind direction: SE
Warning	Heavy rainfall on 8th & 10th May


Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- **Spraying operation should be done only on dry/clear weather**
- **Go for low cost polyhouses for year round cultivation of vegetables**
- **Obtain seeds from reputed/certified/reliable source**
- **Use fertilizers/pesticides as per recommended doses for the location**
- **Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides**
- **ICAR Basar recommend poultry variety VANARAJA for backyard rearing**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">• Avoid water stagnation in the newly sown vegetable field• Go for 1 manual weeding during sunny days• Avoid water stagnation near bee-boxes, basins of fruit plants.

Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">• Spray azadirachtin 0.15EC@6ml/lit against flea beetles• Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.• Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.• Right time for transplantation of vegetables.• Get seeds/planting materials of preferred or recommended varieties from right sources• Sowing should be done during these sunny days to avoid unnecessary seed mortality that might occur during heavy rain in April• Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Tomato		Phytophthora Blight	<ul style="list-style-type: none">• Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none">• Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.• Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 	Powdery Mildew 	<ul style="list-style-type: none">• Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer• Avoid spray of insecticides which may hinder pollination by honey-bees.• Remove all water sprouts from the base of the plant• Need based foliar spray of Difenconazole 5EC @ 0.5 ml/lit against powdery mildew• Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Banana			<ul style="list-style-type: none">• Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
Ginger/summer pulses			<ul style="list-style-type: none">• Follow ridge and furrow method of planting and provide adequate drainage• Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
			<ul style="list-style-type: none">• Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">• Provide concentrate feed and multi-vitamins• Provide proper bedding materials for newly born piglets to protect them from cold• Vaccination as per the schedule with proper consultation with vet.• Deworm at regular interval• During scarcity of fodder provide hay/silage/feedblocks.

			<ul style="list-style-type: none"> Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages 		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Provide anti-coccidial drugs Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. Quarantine the newly procured birds for one month before introduction with old birds. Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> Vaccination is advocated against FMD
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Dibang Valley

No: 37/2015-16/Fri

Dated: 6th May, 2016



Anini: Latitude: 28.2179994/Longitude: 94.7277528/Altitude: 1968 masl



Weather summery of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = Anini: NA	Partly cloudy sky with possibility of very light rainfall in some places. Max Temp=23°C and Min Temp=13°C, RH=40-90%, Wind Speed=4-5 kmph, Wind direction: ENE
Warning:	Heavy rainfall on 8 th & 10 th May

Weather Based Agro-meteorological Advisories Bulletin

General recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for spray operation only on dry/clear weather.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Avoid water stagnation in the newly sown vegetable field Incorporation of left-over residue/stovers is highly recommended during ploughing for cultivation of pre-kharif crops. Go for 1 manual weeding during sunny days Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbandazim/Mancozab@2gm/lit to control fungal diseases. Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain. Right time for transplantation of vegetables. Get seeds/planting materials of preferred or recommended varieties from right sources
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering		<ul style="list-style-type: none"> If flowering begin, avoid spray of insecticide which may hinder pollination by honey bees. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Remove all water sprouts from the base of the plant Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
All trees			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins

			<ul style="list-style-type: none"> • Provide proper bedding materials for newly born piglets to protect them from cold • Vaccination as per the schedule with proper consultation with vet. • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages 		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Quarantine the newly procured birds for one month before introduction with old birds • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: East Kameng

No: 37/2015-16/Fri

Dated: 6th May, 2016





Weather summery of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = 5.9 mm (Seppa)	Partly cloud cover with possibility of light rainfall in some places. Max Temp=23°C and Min Temp=15°C, RH=41-96%, Wind Speed=3-6 kmph, Wind direction: ESE
Warning:	Heavy rainfall on 8 th & 10 th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Right time for digging pond for construction of *Jalkunds*.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Avoid water stagnation in the newly sown vegetable field Deep summer ploughing can be carried out during sunny days Incorporation of left-over residue/stovers is highly recommended during ploughing for cultivation of pre-kharif crops. Go for 1 manual weeding during sunny days Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbandazim/Mancozab@2gm/lit to control fungal diseases Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain. Right time for transplantation of vegetables. Get seeds/planting materials of preferred or recommended varieties from right sources
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees or other insects Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew. Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery

			<ul style="list-style-type: none">Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">Provide concentrate feed and multi-vitaminsProvide proper bedding materials for newly born piglets to protect them from coldVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs.Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages 		<ul style="list-style-type: none">Provide adequate clean drinking water+electrolyteVaccination as per the schedule with proper consultation with vet.Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.Provide anti-coccidial drugsQuarantine the newly procured birds for one month before introduction with old birds.Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none">To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pondCleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none">Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none">Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
ICAR. BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: East Siang

No: 37/2015-16/Fri

Dated: 6th May, 2016



Pasighat: Latitude: 28.0700/Longitude: 95.3300/Altitude: 153 masl


Weather summery of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall: 0.0 mm; T. Max: 31.0°C; T. Min: 21.0°C; RH: 62-88%	Partly cloudy sky with possibility of very light rainfall in some places. Max Temp=27°C and Min Temp=15°C, RH=46-92%, Wind Speed=2-4 kmph, Wind direction: WNW
Warning:	Heavy rainfall on 8th to 10th May


Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">Avoid water stagnation in the newly sown vegetable fieldIncorporation of left-over residue/stovers is highly recommended during ploughing for cultivation of pre-

			<p>kharif crops.</p> <ul style="list-style-type: none">Go for 1 manual weeding during sunny daysAvoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">Spray azadirachtin 0.15EC@6ml/lit against flea beetlesSpray carbendazim/Mancozab@2gm/lit to control fungal diseases.Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.Right time for transplantation of vegetables.Get seeds/planting materials of preferred or recommended varieties from right sources
Tomato		Phytophthora Blight	<ul style="list-style-type: none">Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none">Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none">Avoid spray of insecticide if flowering begin as it may hinder pollination by honey bees and other insects.Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is overRemove all water sprouts from the base of the plantNeed based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew.On sunny days, spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none">Follow ridge and furrow method of planting and provide adequate drainageMulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none">Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
			<ul style="list-style-type: none">Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">Provide concentrate feed and multi-vitaminsProvide proper bedding materials for newly born piglets to protect them from coldVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated

			<ul style="list-style-type: none"> • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte • Vaccination as per the schedule with proper consultation with vet. • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Remove wet litter • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
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Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Kurung Kumey

No: 37/2015-16/Fri

Dated: 6th May, 2016



Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl


Weather summary of the previous week	Weather forecast valid up to 10 th May, 2016
Rainfall = NA	Partly cloudy sky with possibility of light rainfall. Max Temp=21°C and Min Temp=12°C, RH=41-90%, Wind Speed=2-6 kmph, Wind direction: WSW
Warning	Heavy rainfall on 8 th & 10 th May


Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Spray operations should be done only on dry/clear weather or in extreme case use stickers
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">• Avoid water stagnation in the newly sown vegetable field• Incorporation of left-over residue/stovers is highly

			<p>recommended during ploughing for cultivation of pre-kharif crops.</p> <ul style="list-style-type: none">• Go for 1 manual weeding during sunny days• Avoid water stagnation near bee-boxes, basins of fruit plants.
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">• Spray azadirachtin 0.15EC@6ml/lit against flea beetles• Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.• Get seeds/planting materials of preferred or recommended varieties from right sources
Tomato		Phytophthora Blight	<ul style="list-style-type: none">• Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none">• Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.• Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none">• Avoid spray of insecticides during flowering as it may hinder pollination by honey bees/other insects• Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over• During dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mould in Khasi mandarin when the harvesting is over• Remove all water sprouts from the base of the plant.• Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none">• Follow ridge and furrow method of planting and provide adequate drainage• Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none">• Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm	Nursery		<ul style="list-style-type: none">• Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none">• Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none">• Provide concentrate feed and multi-vitamins• Provide proper bedding materials for newly born piglets to protect them from cold• Vaccination as per the schedule with proper consultation with vet.• Deworm at regular interval• During scarcity of fodder provide hay/silage/feedblocks.• Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigenous pigs.

			<ul style="list-style-type: none"> Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages 		<ul style="list-style-type: none"> Avoid rearing of Day-Old-Chicks Provide sufficient bedding materials to keep them warm Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. Provide anti-coccidial drugs Remove wet litter/provide artificial heating and light Quarantine the newly procured birds for one month before introduction with old birds.
Fishery			<ul style="list-style-type: none"> To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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 Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 6th to 10th May, 2016)



GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)

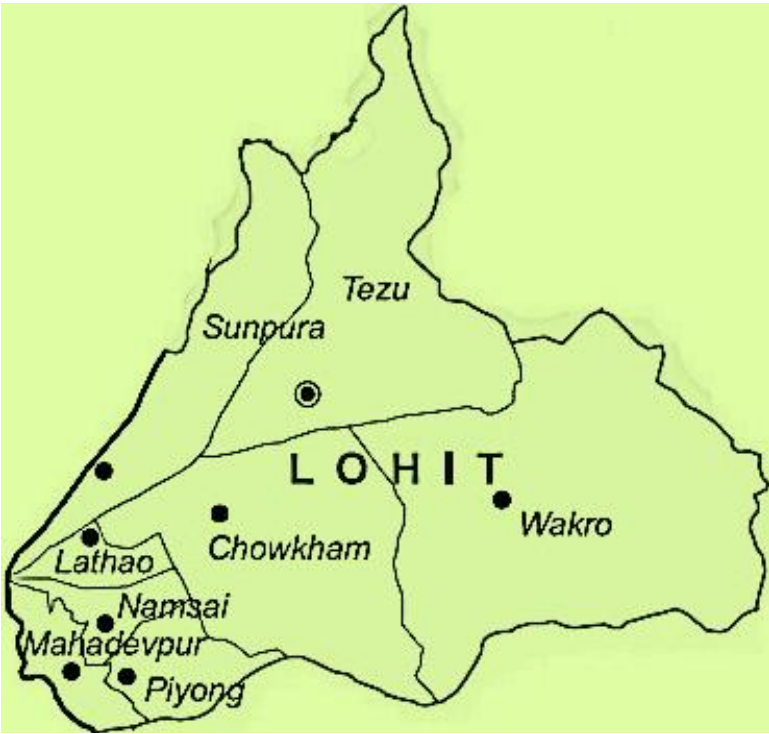


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Lohit

No: 37/2015-16/Fri

Dated: 6th May, 2016





Weather summery of the previous week	Weather forecast valid up to 6 th May, 2016
Rainfall = 113.8 mm (Tezu)	Moderate cloud cover with possibility of light/moderate rainfall. Max Temp=23°C and Min Temp=15°C, RH=46-90%, Wind Speed=4-5 kmph, Wind direction: E
Warning:	Heavy rainfall on 8th & 10th May

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

<ul style="list-style-type: none">Spraying operation should be done only on dry/clear weatherGo for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR Basar recommend poultry variety VANARAJA for backyard rearing			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none">Avoid water stagnation in the newly sown vegetable fieldGo for 1 manual weeding during sunny daysAvoid water stagnation near bee-boxes, basins of fruit plants.

Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbandazim/Mancozab@2gm/lit to control fungal diseases. Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain. Right time for transplantation of vegetables. Get seeds/planting materials of preferred or recommended varieties from right sources Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees/insects. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
Banana			<ul style="list-style-type: none"> Desuckering (removing excess numbers of suckers arising from the mother plant) should be followed
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born piglets to protect them from cold Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated

			<ul style="list-style-type: none"> • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte • Vaccination as per the schedule with proper consultation with vet. • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Remove wet litter/provide artificial heating and light • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond • Cleaning of unwanted weeds plants from the pond dyke to avoid absorption of valuable nutrients from water
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • Vaccination is advocated
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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